

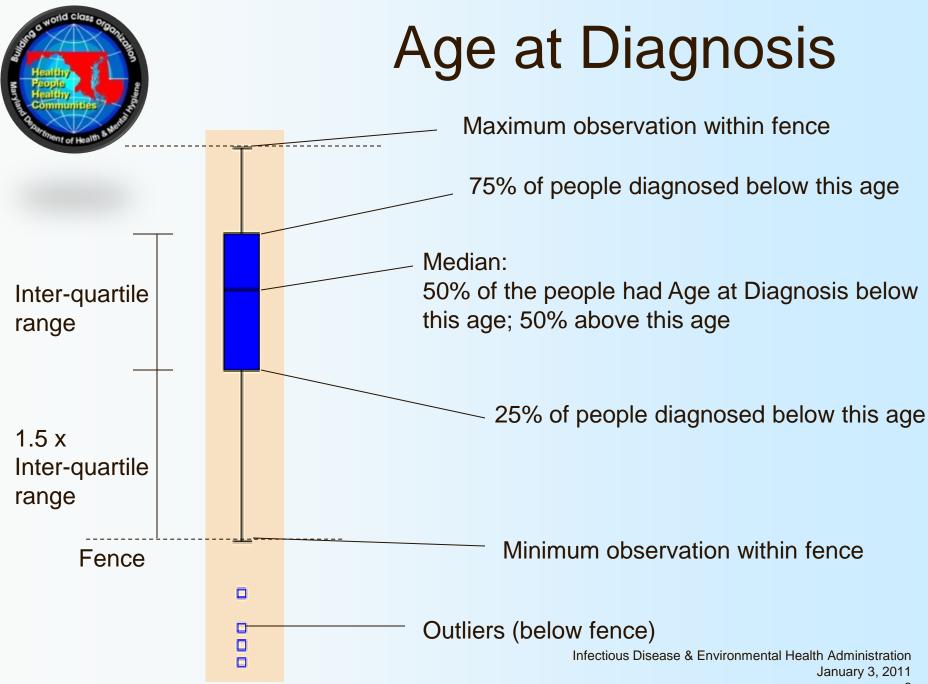
# Frederick County Cancer Investigation: Update

Frederick County Health Department
Maryland Department of
Health and Mental Hygiene
January 3, 2011

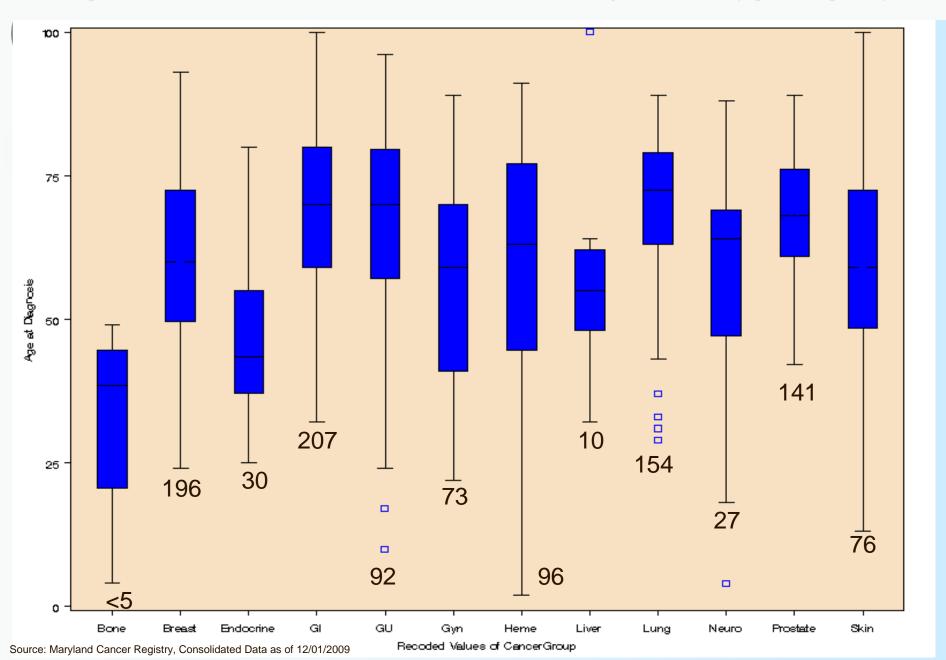


#### Activity Since October, 2010

- Look at distribution of age at diagnosis for various cancer types
- Look at spatial clustering
- Look at possible expansion of area of concern from original 3 census tracts



Age Distribution of Cancer in 3 Census Tracts of Frederick County, 2000 - 2007 (Age at Diagnosis)





### Next Steps

Compare Age at Diagnosis in Frederick areas with Maryland data



## Median Age at Diagnosis by Cancer Group Diagnosis Years 2000-2007

	Median Age at Diagnosis (Years)	
Cancer Group	Frederick, 3 Census Tracts	Maryland
Bone	39 years	43 years
Breast	60	60
Endocrine	44	48
Gastrointestinal	70	69
Genito urinary (incl. bladder, prostate)	70	67
Gynecologic	59	58
Hematologic (incl. leukemia/lymphoma)	63	64
Liver	55	65
Lung	73	68
Neurologic (incl. brain)	64	57
Prostate	68	68
SkinMelanoma	59	59



### Next Steps

- Compare Age at Diagnosis in Frederick areas with Maryland data
- Look in more detail at Ages at Diagnosis
  - Further break down into specific cancer types
  - Look at cases that were "outliers" with young ages
- Expand space and time of analysis
  - Look at additional census tracts
  - Go back and include data to Diagnosis Year 1992 and forward to include 2008